Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 09 Sep 2023 until 23:59 on Sunday 10 Sep 2023

Forecast Issued on Saturday 09 Sep 2023 at 04:26

Confidence: High confidence for the current very warm, humid and settled spell gradually breaking down with thundery showers and becoming cooler early next week. Lower confidence for details of cloud and thunderstorms.

Headline for Saturday 09 Sep 2023: Very warm with sunny spells, but a very low risk of thundery showers.

Mountain weather hazards on Saturday 09 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
00%	00%	10%	20%	10%	10%

Forecast for Saturday 09 Sep 2023

Weather: Dry and warm start, with patchy mist and low cloud. This soon clearing to leave another very warm day with sunny spells. There is a very low risk of heavy, thundery showers developing from late morning, mainly in the south. The vast majority of areas will stay dry, but where storms do occur there is the possibility of torrential downpours, lightning and hail.

Chance of cloud-free hill tops above 600m: 60% becoming near 100% by mid-morning.

Low Cloud and visibility: Areas of low cloud, base 100-300m, most likely on western slopes at first but this gradually lifting and clearing. Thereafter, cloud mostly well above the hilltops, with any thunderstorms from high based cloud. Visibility mostly good, although not excellent with some haziness. Poor in any heavy showers or thunderstorms, and very poor in early low cloud.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Saturday 09 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/14 SW	12/15 SW	11/15 W	9/13 W	6/9 W	5/7 SW	4/6 W
300	1/8 SW	5/9 SW	7/12 SW	6/10 W	3/8 W	2/6 NW	2/4 NW
Valley	1/7 SW	4/8 SW	5/9 SW	4/8 SW	2/4 W	1/2 NE	1/3 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/16	17/16	19/18	20/19	18/18	17/17	17/17
300	15/15	19/19	22/22	22/22	19/20	15/16	15/15
Valley	18/19	19/20	22/23	22/23	20/22	17/18	16/17
Freezing Level*	3400m	3500m	3500m	3500m	3500m	3400m	3400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Another very warm day, with moderate UV levels, so sun protection and adequate hydration is recommended. However, there is a very low risk of torrential downpours so waterproofs are also recommended.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 09 Sep 2023	0mm	0.2mm	0.2mm

Forecast for Sunday 10 Sep 2023

Weather: Perhaps some patchy low cloud developing in the early hours, soon clearing. Another very warm and humid day with sunny spells but also some heavy, thundery showers arriving through the afternoon, with occasional torrential downpours, lightning and hail. These may gradually clear northwards through the evening.

Maximum wind: Southeast 15-20 mph with gusts 25-30 mph in and near heavy showers or thunderstorms.

Chance of cloud-free hill tops above 600m: 90%

Low Cloud and visibility: Some patchy low cloud, base 100-300m, is possible first thing but this soon lifting and clearing. Thereafter, cloud mostly well above the hilltops, with any thunderstorms from higher based cloud. Visibility mostly good. Poor in any heavy showers and very poor in early patchy low cloud.

Temperature: **Valleys:** Plus 17 Celsius becoming plus 25 Celsius.
At 600m: Plus 16 Celsius becoming plus 20 Celsius.
Freezing level: Well above the hilltops.

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